

Annual Report 2009

Production Sector

OMB Control No. 2060-0328

Expires 07/31/2011



Company Information

Company Name: **Newfield Exploration Company**

Gas STAR Contact:

Title

Address:

City:

State:

Zip:

Phone:

Fax:

E-mail:

Company Information Updated: **No**

Activities Reported

BMP1: Yes BMP2: No BMP3: Yes

Total Methane Emission Reductions Reported This Year: **111,189**

Previous Years' Activities Reported: **Yes**

Period Covered by Report

From: **01/01/2009**

To: **12/31/2009**

☒ I hereby certify the accuracy of the data contained in this report.

Additional Comments

Annual Report 2009

Production Sector

OMB Control No. 2060-0328
Expires 07/31/2011



BMP1: Identify and Replace High-Bleed Pneumatic Devices

Current Year Activities

A. Facility/location identifier information:

Mid Con, Gulf Coast and RM Operations

B. Facility Summary

Number of devices replaced this reporting period: **461 devices**
Percent of system now equipped with low/no-bleed units: **95 %**

C. Cost Summary

Estimated cost per replacement (including equipment and labor): \$ _____

D. Methane Emissions Reduction

Method Used: **Calculation Using Default**
Data Source: **Not Applicable**
Methane Emissions Reduction: **57,164 Mcf/year**

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year ☒ Multi-year

If Multi-year: ☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration (BMP 1 has a sunset period of 7 years).
Partner will report this activity annually up to allowed sunset date.

F. Total Value of Gas Saved

Value of Gas Saved: **\$ 400,148**
\$ / Mcf used: **\$ 7.00**

G. Planned Future Activities

Number of high-bleed devices to be replaced next year: _____ **devices**

Annual Report 2009

Production Sector

OMB Control No. 2060-0328

Expires 07/31/2011



Previous Years' Activities

Year	Number of Devices Replaced	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
2008	461		57,164	
2007	461		57,164	
2006	461		57,164	

* Total cost of replacements (including equipment and labor)

Additional Comments

Performed company inventory in 2009

Annual Report 2009

Production Sector

OMB Control No. 2060-0328
Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Mid Con, Gulf Coast, RM Operations

B. Description of PRO

Please specify the technology or practice that was implemented:

Install condensers on glycol dehydrators (10 years)

Please describe how your company implemented this PRO:

Install as standard equipment

C. Level of Implementation

Number of units installed: 16 units

D. Methane Emissions Reduction

Methane Emissions Reduction: **7,953 Mcf/year**

Basis for the emissions reduction estimate: **Other**

Glycalc

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

☒ One-year

☐ Multi-year

If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

Annual Report 2009

Production Sector

OMB Control No. 2060-0328
Expires 07/31/2011



F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ _____

G. Total Value of Gas Saved

Value of Gas Saved: **\$ 55,671**

\$ / Mcf used: **\$ 7.00**

H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: _____

Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

* Total cost of practice/activity (including equipment and labor)

Additional Comments

Annual Report 2009

Production Sector

OMB Control No. 2060-0328
Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Mid Con, Gulf Coast, RM Operations

B. Description of PRO

Please specify the technology or practice that was implemented:

Install flares (10 years)

Please describe how your company implemented this PRO:

Optimize

C. Level of Implementation

Number of units installed: 20 units

D. Methane Emissions Reduction

Methane Emissions Reduction: **45,625 Mcf/year**

Basis for the emissions reduction estimate: **Other**

Used average of EP Tanks

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year

☒ Multi-year

If Multi-year:

- ☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

Annual Report 2009

Production Sector

OMB Control No. 2060-0328
Expires 07/31/2011



F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ _____

G. Total Value of Gas Saved

Value of Gas Saved: **\$ 319,375**

\$ / Mcf used: **\$ 7.00**

H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: _____

Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
2008	28		63,875	
2007	28		63,875	

* Total cost of practice/activity (including equipment and labor)

Additional Comments

Annual Report 2009

Production Sector

OMB Control No. 2060-0328
Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Pleasant Valley Compressor Station

B. Description of PRO

Please specify the technology or practice that was implemented:

Reroute dehy./tank vents to flare or station suction (10 years)

Please describe how your company implemented this PRO:

Optimize

C. Level of Implementation

Number of units installed: 1 units

D. Methane Emissions Reduction

Methane Emissions Reduction: **447 Mcf/year**

Basis for the emissions reduction estimate: **Other**

Glycalc

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year

☒ Multi-year

If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

☒ Partner will report this activity annually up to allowed sunset date.

Annual Report 2009

Production Sector

OMB Control No. 2060-0328
Expires 07/31/2011



F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ _____

G. Total Value of Gas Saved

Value of Gas Saved: **\$ 1,341**

\$ / Mcf used: **\$ 3.00**

H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: _____

Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

* Total cost of practice/activity (including equipment and labor)

Additional Comments

Annual Report 2009

Production Sector

OMB Control No. 2060-0328

Expires 07/31/2011



Additional Accomplishments

- Presented at three Production Tech Workshops in the last 6 months
- Co-Hosted a 2010 Spring Production Tech Workshop along with hosting a field tour and study.